33315 S/560/61/000/010/013/016 D299/D302

Effect of space-flight...

space-flight conditions have a stimulating effect on the growth of both species; this stimulating effect is more noticeable in the radiostable species N. damascena. In general, dry seeds are fairly stable to ionizing radiation; thus, the seeds of A. fistulosum have to be irradiated by a dose of 250 - 500 r, and those of N. damascena by several thousands of rontgen in order to observe an actual increase in chromosome rearrangements. The authors arrive at the conclusion that the increase in the growth of the seeds cannot be related to stimulating radiation doses, as the stimulating effect is stronger in the radiostable species No damascena and weaker in the radiosensitive species A. fistu-If the observed effect on the N. damascena would have been due to radiation, the indicated dose would have caused chromosome aberrations in the A. fistulosum too. This was, however, not observed. It is evident that the reason for the observed effect should be sought in other factors which are active in space-flight -- factors which are thoroughly unlike those

Carc. 2/3

33315

Effect of space-flight ...

S/560/61/000/010/013/016 D299/D302

affecting terrestrial seed-growth. There are 2 figures, 2 tables and 4 references: 2 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: A. T. Krebs, Avia Medicine, 25, 331, 1954; J. Eugster, D. G. Simons, Phys. and Med. Atmosph. and Space, New York-London, John Wiley and Sons Inc., 1960, pp. 182-192.

4.4.4.4 医眼内性神经性的性性病性病的含义的性性病的结果性神经病的结果,这种生物的结果的结果的结果的现在分词,但可以使用的结果的现在分词是一种一种一种一种

SUBMITTED:

May 3, 1961

X

Card 3/3

'SIDOROV, B.N.; DUBININ, N.P.; SOKOLOV, N.N.

Experimental study of the role of free radicals and the direct effect in the primary mechanism of the radiation effect. Radiobiologiia 1 no.2:161-171 '61. (MIRA 14:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(RADICALS (CHEMISTRY))
(RADIATION—PHYSIOLOGICAL EFFECT)

N.N. SOKOLOV,

Cerrelation Between the Redox Potential of the Lymph of Crickets During Irradiation and Radiosensitivity

A micromethod has been developed to determine the redox potential of the haemolymph of insects in viso. The A nutroustation may occur developed to determine the redux potential of the memorythm in invests in 1919, The effect of various protective factors (hypoxia, protective substances) which influence the radiosensitivity of insects

has been investigated.

Uncorrelated differences in the values of the redox potential have been observed for solutions of protective substances and for tissues into which protective substances are introduced. On the other hand, when protective substances are introduced into the organism during hypoxia, the values of the redox potential exactly protective substances are introduced into the organism during hypoxia, the values of the redox potential exactly correlate with the magnitude of the protective effect and radiosensitivity. The data report and the literature which correlate with the magnitude of the protective effect and radiosensitivity. The data report and did not allow for the failed to show such correlation were obtained when the potential was measured in sites and did not allow for the failed to show such correlation were obtained when the potential was measured by the protective effects.

Londonnar State University, Marcan, USSR

(d)
Direct and Indirect Radiation Damage to the Cell Nucleus

N. P. Dubinia, B. N. Sidorov and N. N. Sokolov

It is known that molecules in aqueous solution can undergo radiochemical reactions due to free radicals from the radiolysis of water, or by direct energy absorption.

The genetic effectiveness of free radicals produced chemically within the cell (Fenton reaction, reaction of accorbic acid with hydrogen perovide) allows us to assess the importance of the direct and indirect radiation effects on chromosomes. It was shown in plant cells (rootlets of Allium fistulosum) that substances which protect the chromosomes from the effect of the free radicals OH and HO, obtained chemically (K, KB, hyposulphite, etc.) are not protective when the chromosomes are irradiated with X-rays. We conclude that the genetic effect or radiation is due mainly to the direct effect and not to the products of water radiolysis.

Parallel experiments with DNA solutions (M, I. Mekshenkov) showed that the effectiveness of the direct action on DNA is much greater than that of the indirect effect.

The considerable protective ability of substances which protect chromosomes from free radicals was demonstrated in solutions of DNA only at low DNA concentrations. In solutions with high DNA concentrations the protective effect is virtually absent which points to the predominant role of the direct effect.

Institute of Bisphysics, Academy of Sciences of the USSR, Moscaw

report presented at the 2nd Intl. Congress of Radiation Research, Enrrogate/Iorkshire, Gt. Brit. 5-11 Aug 1962

SIDOROV, B.N.; SOKOLOV, N.N.

Effect of the conditions of space flight on the seeds of Allium fistulosum and Nigella damascena. Probl.kosm.biol. 1:248-251 (MIRA 15:12)

162. (SPACE FLIGHT—PHYSIOLOGICAL EFFECT) (SEEDS)

S/865/62/002/000/016/042 D405/D301

AUTHORS:

Khvostova, V.V., Prokof'yeva-Bel'govskaya, A.A.,

Sidorov, B.N. and Sokolov, N.N.

TITLE:

Effects of space flight conditions on seeds of high-

er plants and an actinomycetes

SOURCE:

Problemy kosmicheskoy biologii. v. 2. Ed. by N. Sisa-

kyan and V. Yazdovskiy. Moscow, Izd-vo AN SSSR, 1962,

153-163

were selected from the viewpoint of their chromosome stage and owing to their practical value in prolonged space flights. The experimental method is described. In the case of seeds, the genetic effect was estimated by the number of cells with chromosome abberations in the rootlets. It was found that the percentage of cells with chromosome abberations in the first mitoses of the rootlets of the wheat NAT -186 (PPG-186) increased after flight on the space ships Vostok and Vostok-2. The same effect was observed in pea seeds.

Card 1/2

S/865/62/002/000/016/042 D405/D301

Effects of space flight ...

No such effects were observed in the seeds of Allium fistulosum and Migella damascena (winter onion and ranunculus). Thus, the genetic effect was most marked in the case of wheat, which has numerous long chromosomes. An analysis of the types of chromosome abberation also shows that the chromosomes are affected by the flight conditions. It is however not clear precisely which factors act on the chromosomes. With regard to physiological effects, the germinating ability and growth energy of the seeds of Allium and Nigella were stimulated; this applies in particular to the radiation resistant species (Nigella). An increase in mitotic activity (as determined by the percentage of dividing cells) was observed only in the case of the peaspecies Spartanets. Two strains of the spores of Actinomyces erythreus reacted differently from the space flight conditions. The viability of the strain with large nucleic elements and resistant to ultraviolet radiation increased, whereas the strain sensitive to ultraviolet radiation exhibited a sharp drop in viability. The viability of the spores of Actinomyces aureofaciens decreased sharply. The growth of the mycelium of both strains of Act. erythreus was stimulated. There are 11 figures.

Card 2/2

SIDOROV, B.N.; SOKOLOV, N.N.

Radiation analysis of chromosome discreteness during the process of autoreproduction. Radiobiologiia 3 no.3:415-419 163. (MIRA 17:2)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

SIDOROV, B.N.; SOKOLOV, M.N.

Lysis of chromosomes and the blockade of the spindle. Biul.

MOIP. Otd. biol. 68 no.5:78-91 S-0 '63. (MIRA 16:10)

SIDOROV, B.N.; SOKOLOV, N.N.

Lysis of the chromosomes accompanying spindle blockade. Dokl. AN SSSR 150 no.3:653-656 My '63. (MIRA 16:6)

1. Institut biologicheskoy fiziki AN SSSR. Predstavleno akademikom V.N. Sukachevym.
(Chromosomes) (Karyokinesis)

CIA-RDP86-00513R001652020007-8 "APPROVED FOR RELEASE: 08/25/2000

SIDOROV, B.N.; SOKOLOV, N.N.

Radiation arelysis of the structure and reproduction of chromosomes. (MIRA 18:7) Radiobiologia 4 no.6:828-835 164.

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

CIA-RDP86-00513R001652020007-8" APPROVED FOR RELEASE: 08/25/2000

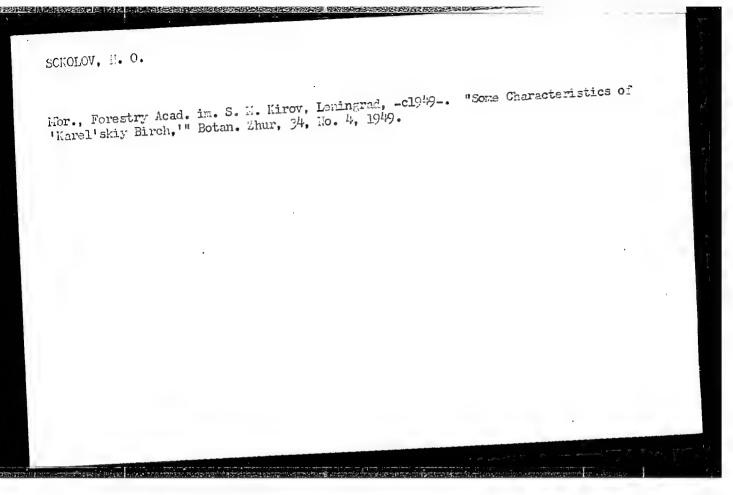
SIDOROV, B.N.; SOKOLOV, N.N.; AMDREYEV, V.S.

Mutagenic effect of ethylenimine in a series of cell generations.

(MIPA 18:10)

Genetika no.1:112-122 *65.

1. Institut biologicheskoy fiziki AN SSSR, Moskva.



3197 SOKOLOV, N. O.

Dekorativnaya dendrologiy. Metod. ukazaniya. (Dlya stydentov Fak. ozeleneniya gorodov. i naselennykh. mest). L 1954. 72s 20sm (m-vo Vyssh. Obrazovaniya. SSSR. Vsesoyuz. zaoch. Lesotekhn in-t) 250EKZ. Bespl. (54-57708)

SOKOLOV, N.O.

Problems of the further study of the Karelian birch. Izv.Kar. i Kol. fil.AN SSSR no.3:96-102 *58. (MIRA 11:12)

1. Institut lesa Karel'skogo filiala AN SSSR. (Karelia--Birch)

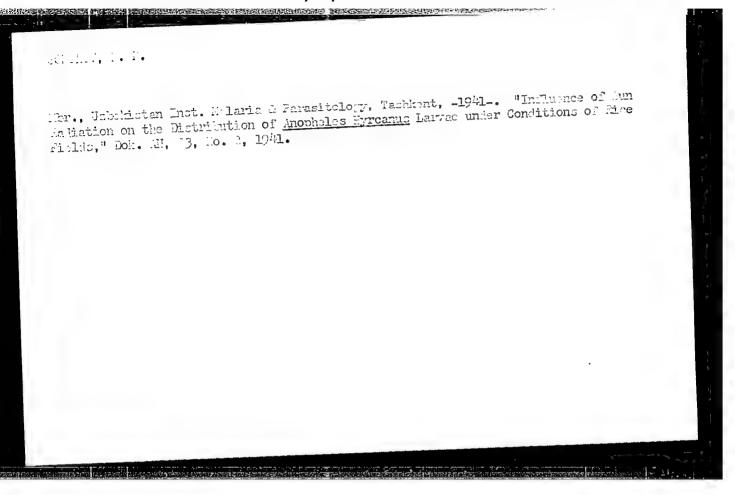
 OSTANIN, Ye.S., kand.sel'khoz.nauk, otv.red.; SOKOLOV, N.O., kand. sel'khoz.nauk, red.; SHIPEROVICH, V.Ya., kand.biol. nauk, red.; SOKOLOV, D.V., red. izd-va; AREF'YEVA, G.P., tekhn. red.

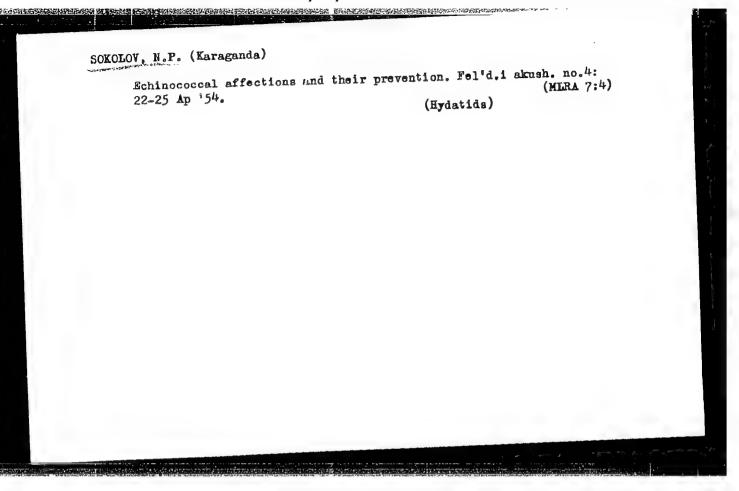
[Problems of silviculture and forest entomology in Karelia] Voprosy lesovedeniia i lesnoi entomologii v Karelii. Moskva, Akad.nauk SSSR, 1962. 119 p. (MIRA 15:8)

1. Akademiya nauk SSSR. Karel'skiy filial, Petrozavodsk.

(Karelia—Forests and forestry)

(Karelia—Forest insects)





SOKOLOV N.P.

Data on echinococcosis in Karaganda Province. Med. paraz. in paraz. bol. no.4:313-317 O-D 154. (MIRA 8:2)

1. Iz Pervoy klinicheskoy gorodskoy bol'nitsy Karagandy (Glavnyy vrach bol'nitsy N.P.Akulov)
(ECHINOCOCCOSIS, epidemiology,
in Russia)

SOKOLOV, N.P. (Karaganda)

Determining the volume of erythrocytes by meens of the Panchenkov's apparatus. Klin.med. 32 no.2:71-73 F '54. (MERA 7:5)

1. Iz klinicheskoy laboratorii (zaveduyushchiy N.P.Sokolov) 1-y klinicheskoy gorodskoy bol'nitsy Karagandy.

(Blood--Corpuscles and platelets) (Blood--Sedimentation)

CIA-RDP86-00513R001652020007-8 "APPROVED FOR RELEASE: 08/25/2000

SOKOLOV, N. P.

USSR/Biology - Ichthyology

Pub. 86 - 26/37 Card 1/1

Authors

: Sokolov, N. P., Prof.

Title

Commence of the second second Acclimatization of the gambusia

Periodical : Priroda 43/10, 112-114, Oct 1954

Abstract

The problem of ridding swampy regions of malaria-propogating mosquitos is discussed. One of the solutions might be the breeding of minnows known under the Latin name of gambusia affinis holbrooki. A description is given of the characteristics and life habits of this minnow, which feeds on the larvae of mosquitoes. Two Russian references (1934 and 1939). Illustrations

Institution:

Submitted

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SOKOLOV, N.P., professor (Karaganda)

Biological method of malaria mosquito control. Fel'd. i akush. no.2:
31-34 F'55.
(MERA 8:4)

(MERA 8:4)

(FISH,
Gambusia, mosquito control)
```

SOKOLOV, M.P., kandidat biologicheskikh nauk.

Modern cethods of staining reticulocytes and thrombocytes. Lab.
delo no.3:20-21 My-Je '55.

1. Iz klinicheskoy laboratorii l-y Gorodskoy klinicheskoy bol'nitsy (glavnyy vrach N.P. Akulov), Karaganda.
(BLOOD PLATELETS,
staining)
(ENTHROOTES,
reticulocytes, staining)
(STAINS AND STAINING,
of blood platelets & reticulocytes)

SOKOLOV, N.P., Prof. (Karaganda) Prevention of some infections having natural foci. Fel'd.i akush. no.8:30-35 Ag 155. (MLRA 8:10) (COMPTUNICABLE DISMASES, epidemiol. transmitted by ticks in new settlements in Russia from

(ANIMALS, dis.

transm.to men by ticks in new settlements in Russia)

SOKOLOV, N.P. (Karaganda)

**Transference of Skin. Med. sestra no.1:11-14 Ja '56

(ALLEROY) (MEDICAL TESTS)

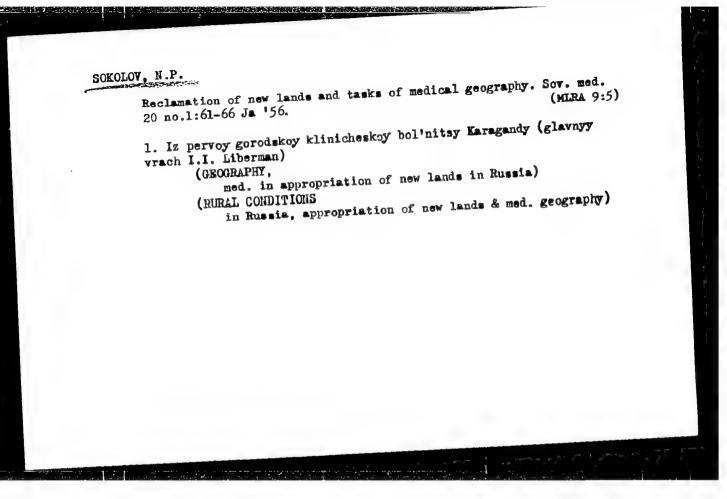
**Transference of Skin. Med. sestra no.1:11-14 Ja '56

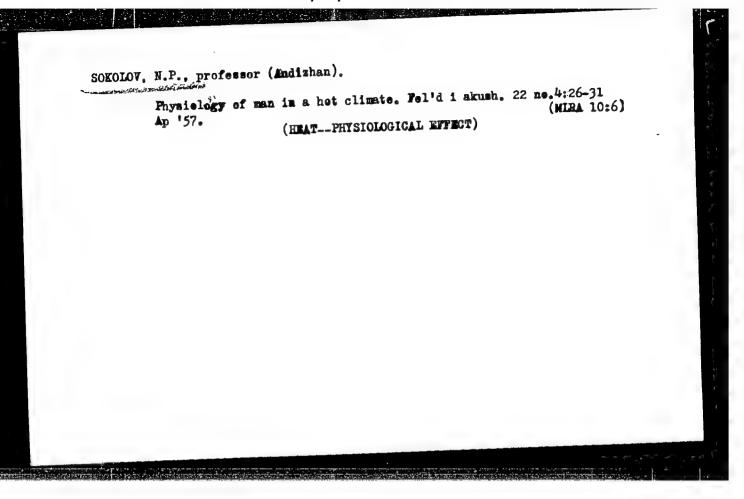
(MIRA 9:3)

SOKOLOV, N.P.

Prevention of echinococcosis in recisiming new soil. Sov.med. 20 (MIMA 9:11) no.9:91-93 S '56.

1. Iz 1-y gorodskoy klinicheskoy bol'nitsy Karagandy (glavnyy vrach N.N.Liberaan)
(MCHINOCOCGOSIS, prev. and control in Bussia, in virgin soil regions)





SOKOLOV, N.P., professor (Andizhan)

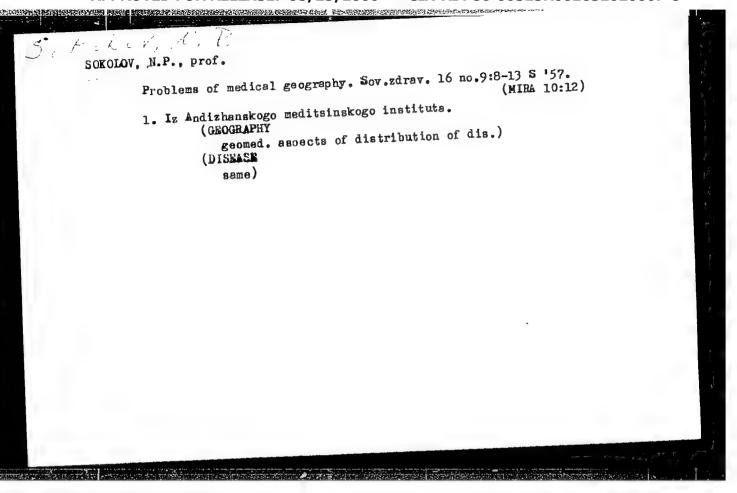
Role of the chemical composition of soil and water in the etiology of endemic diseases. Fel'd, i akush, 22 no.5:17-22 My '57.

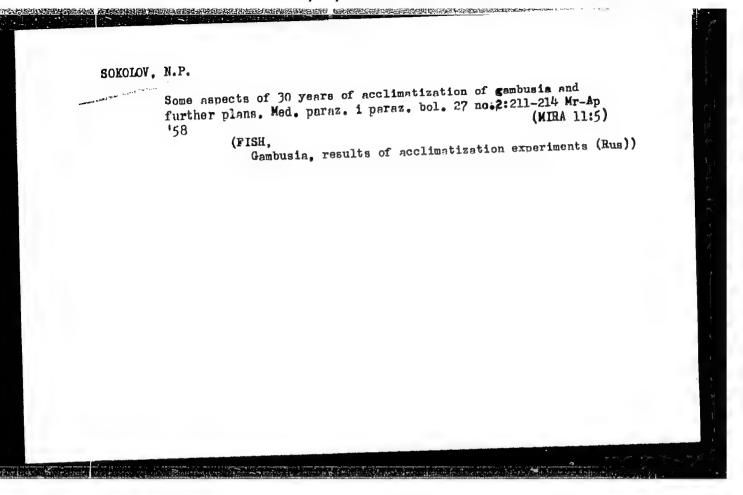
(DISEASES--CAUSES AND THEORIES OF CAUSATION)
(SOILS--ANALYSIS) (WATER--ANALYSIS)

SOKOLOW N.P., professor.

Problems of medical geography. Priroda 46 no.6:35-40 Je '57.
(MIRA 10:7)

1. Andizhanskiy gosudarstvennyy meditsinskiy institut (Uzbekskaya SSR).
(Diseases--Causes and theories of causation) (Medical geography)





ALIMOV, U.A.; SOKOLOV, N.P.

[Echinococcal diseases and their prevention in the virgin lands]
Ekhinokokkovye zabolevaniia i ikh profilaktika na novykh zemliakh
osvoeniia. Tashkent, Uzmedgiz, 1959. 41 p. (MIRA 13:11)
(HYDATIDS)

SOMOLOY, M. P.

"Current problems in medical geography and their practical significance."

Desyntoge Soveshchaniye po parazitologicheskim problemam i prirodnoochagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1956), Moscow-Leningral, 1959, Academy of Medical Sciences USER and Academy of Sciences USER, No. 1 (1954).

SOKOLOV, N.P., prof.; ABDULIAYEVA, A.A.

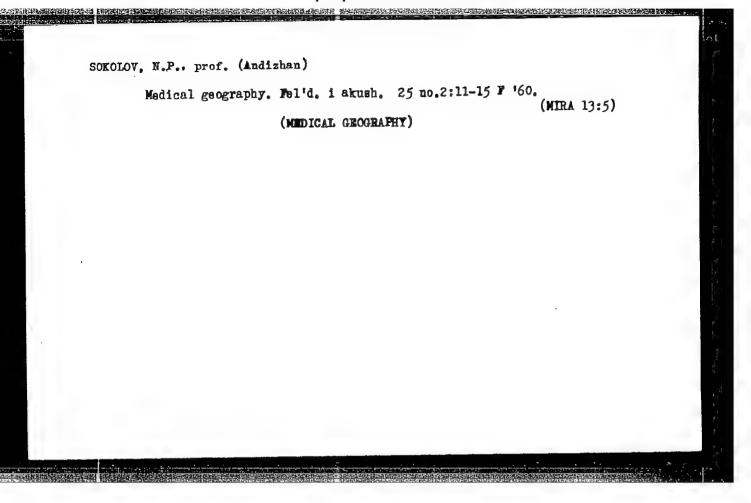
History of studies in the medical geography of regions of the
Fergana Valley. Sov.zdrav. 19 no.1:52-58 60. (MIRA 13:4)

1. Iz Andizhanskogo meditsinskogo instituta. (FERGANA--MEDICAL GEOGRAPHY)

SOKOLOV, N.P., prof.

Urgent problems in medical geography. Sov. med. 24 no.6:135-144
Je '60. (MIRA 13:9)

1. Iz Andizhanskogo gosudarstvennogo meditsinskogo instituta. (MEDICAL GEOGRAPHY)



Microclimate (solar radiation) of the daily refuge of Anopheles
hyroanus in rice fields. Med.paraz.i paraz.bol 29 no.5:545-549
hyroanus in rice fields. Med.paraz.bol 29 no.5:545-549
hyroanus in ri

SOKOLOV, ".P.

Apparatus for studying the distribution of aquatic organisms in rice fields. Trudy Gidrobiol. ob-va 11:424-425 '€1. (MIRA 151)

1. Kafedra obshchey biologii Andizhanskogo gosudarstvennogo meditsinskogo instituta, g. Andizhan Uzbekskoy SSR. (Plankton research)

SOKOLOV, N.P., prof. (Andizhan)

Concept and classification of medical geography. Sov. zdrav. 20
no.9:51-57 '61.

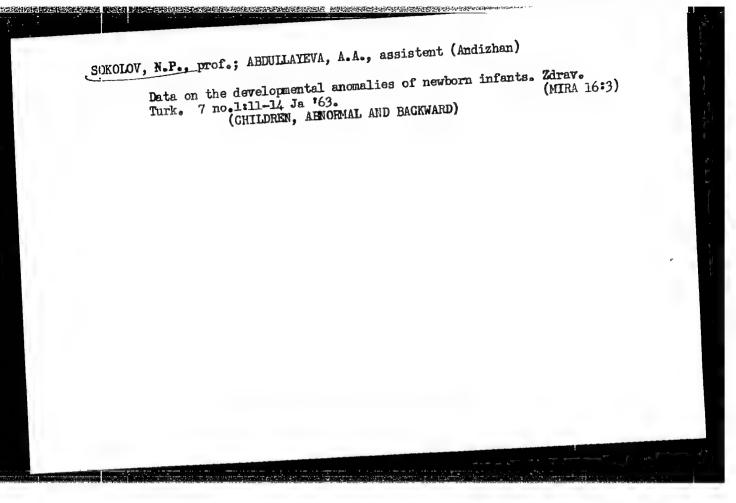
1. Iz Andizhanskogo meditsinskogo instituta.

(MEDICAL GEOGRAPHY)

 SOKOLOV, N.P., prof.

Some aspects of the geographic distribution of hereditary diseases in man. Sov.med. no.3:3-8 162. (MIRA 15:5)

1. Iz Andizhanskogo gosudarstvennogo meditsinskogo instituta. (HEREDITY OF DISEASE) (MEDICAL GEOGRAPHY)



SOKOLOV, N.P., prof. (Andizhan)

Further develop research on the heredity of man. Sov. Med.
27 no.7:3-6 Jl'63. (MIRA16:9)

(HEREDITY, HUMAN)

ACCESSION NR: AR4035554

S/0271/64/000/003/A026/A026

SCURCE: Ref. zh. Avtomat., telemekh. i vy*chisl. Sv. t., Abs. 3A169

AUTHOR: Sokolov, M. P.

TITLE: Automaton for measuring radioactivity of a wire

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radioelektron. T. 4.

M., Gosatomizdat, 1963, 53-63

TOPIC TAGS: wire radioactivity recorder, atomic reactor, neutron research

TRANSLATION: An automatic device for measuring the distribution of neutron flux along a reactor channel by a method of distributed-tracer activation is described. The irradiated wire is wound on the drum of a transport mechanism and then passed, according to a preset program, through a radiation detector. The wire length can be widely varied. The device comprises three desk type units of the transport mechanism and an electronic-block printing unit. The electronic block contains these units: (1) an amplifier-discriminator; (2) a counting-timing unit; (3) a printing unit; (4) a control unit with the tape-transport mechanism; (5) a stabilized h-v rectifier for supplying the radiation detector; (6) a power supply unit. The functioning of the above outfit is described in detail, and simplified diagrams and pictures are supplied. Five illustrations. Bibliography:

DATE ACQ: 17Apr64 Card 1/1

SUB CODE: NE

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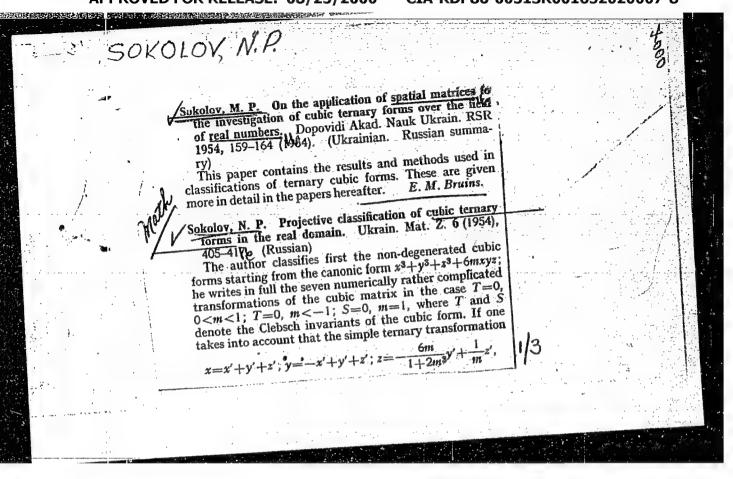
SOKOLOV, N.P.

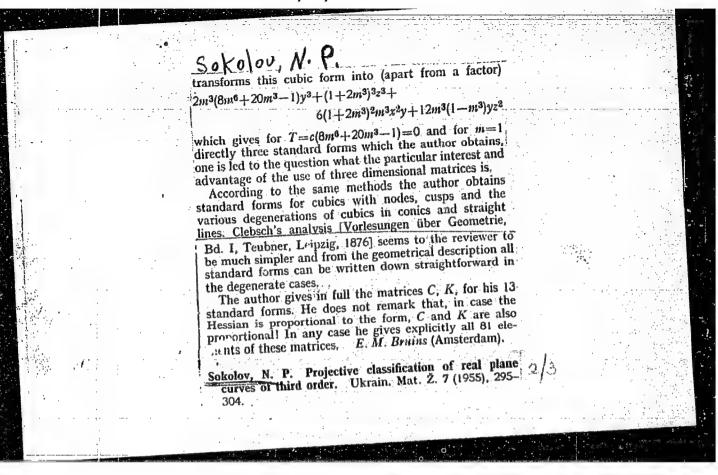
Microclimate of the habitat of Anopheles hyrcanus and Anopheles maculipennis in rice fields. Med. paraz. i paraz. bol. 32 no.6:725-728 N-D '63 (MIRA 18:1)

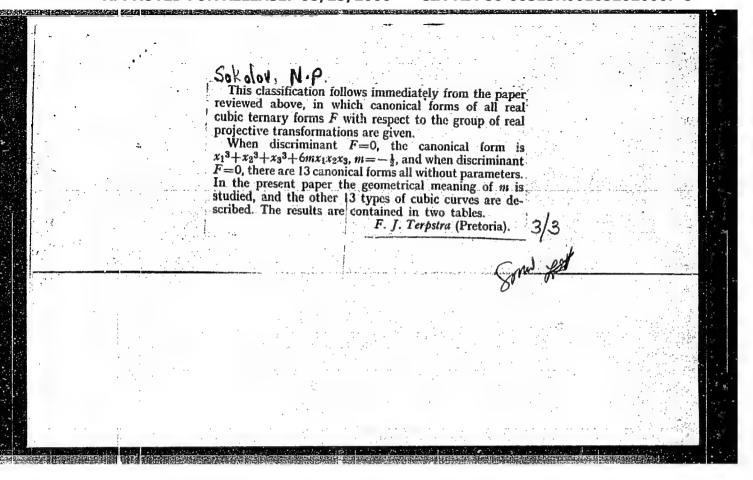
1. Iz kafedry obshchey biologii i parazitologii (zav. - prof. N.P. Sokolov) Andizhenskogo meditsinskogo instituta.

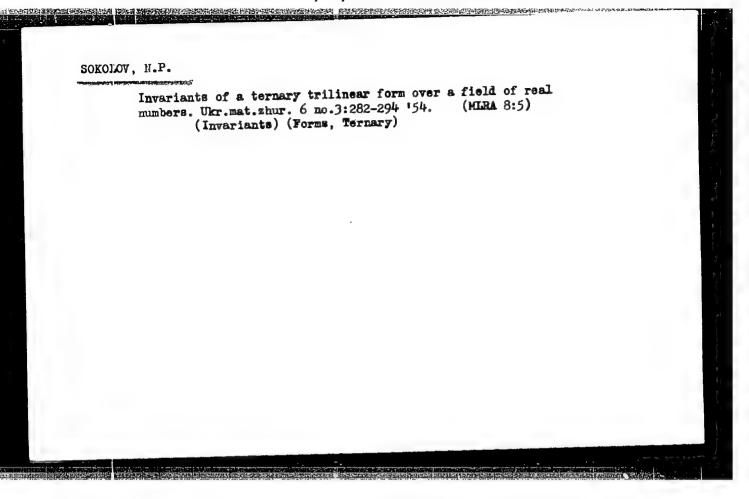
SOKOLOV, Nikolay Petrovich; LOMAKIN, N.S., red.

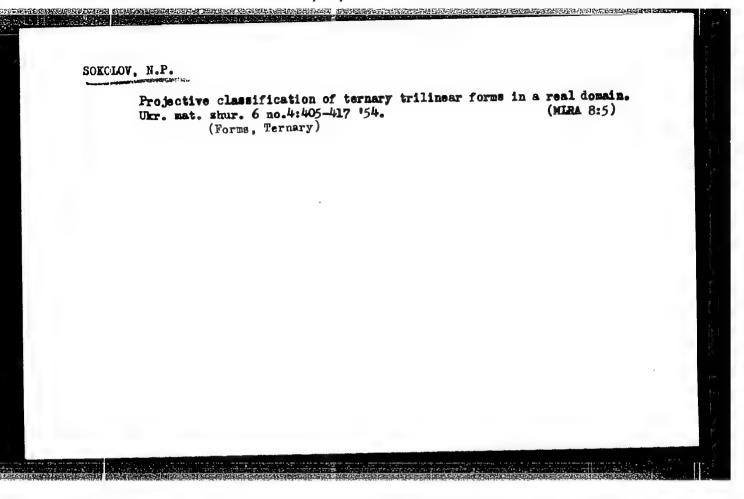
[Hereditary diseases in man] Nasledstvennye bolezni cheloveka. Moskva, Meditsina, 1965. 336 p. (MIRA 18:8)







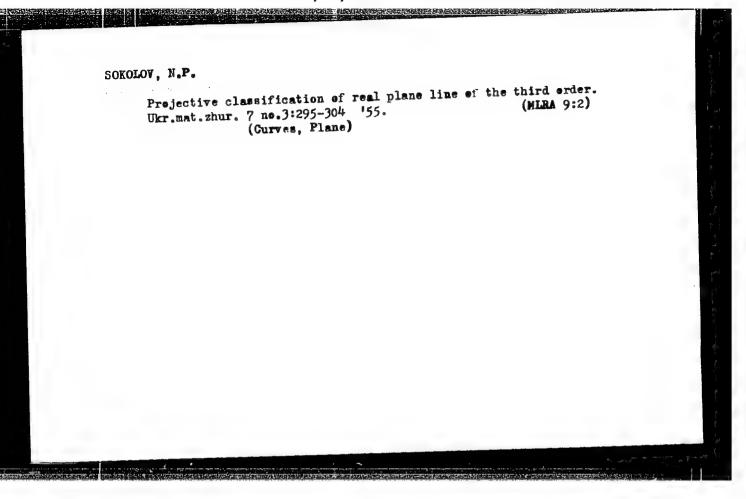




Affine-projecting classification of cubic ternary forms in real domains. Dop. AN URSR no.4:315-317 '55. (MIRA 9:2)

1.Kiivs'kiy gidromeliorativniy institut. Predstaviv diyeniy chlen AN URSR B.V.Gnedenko.

(Differential invariants)



是19.200mm的10.200mm的10.200mm的10.200mm的10.200mm的10.200mm的10.200mm的10.200mm。10.200mm的10.200mm的10.200mm的10.200mm的1

USSR/MATHEMATICS/Algebra SUBJECT

CARD 1/1

PG - 93

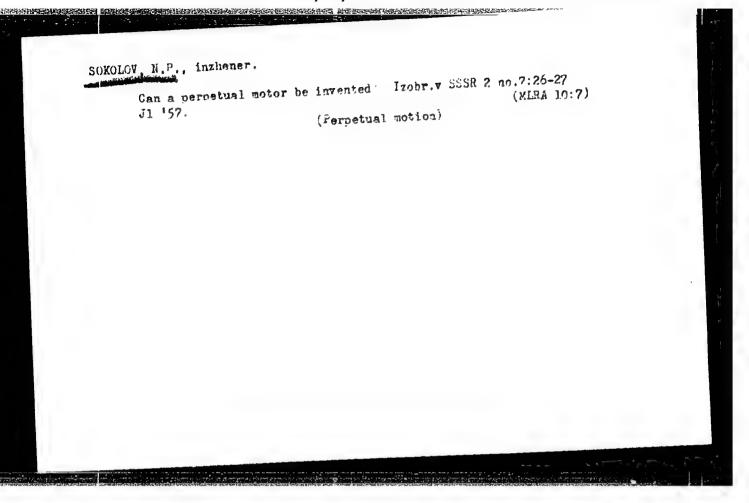
AUTHOR

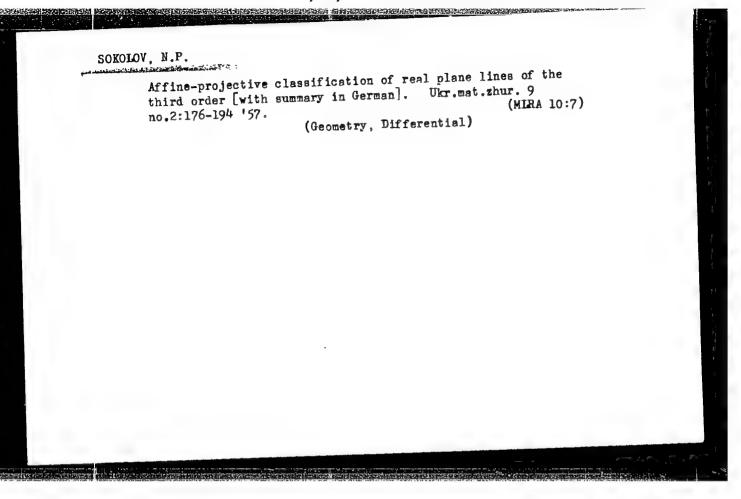
SOKOLOV N.P.

On pencils of real cubic ternary forms. TITLE PERIODICAL Izvestija Akad. Nauk 19, 201-232 (1955)

reviewed 6/1956

The present paper is an extension of the author's results (Dopovidi Akad. Nauk ukrain RSR, No.3, 159-164 (1954)) on the application of the space matrices for the investigation of real ternary cubic forms on the real number-field to investigations of pairs of forms and pancils of forms. The theory of the elementary divisors of the quadratic -matrices is extended to polynomial cubic matrices. It is shown that for symmetric real elementary transformations (e.g. multiplication of the j-th intersection of an orientation with the same number being different from zero) the rank, the elementary divisors and the charcteristic (for suitable generalization of these notions) of a symmetric polynomial cubic matrix $\mathbb{M}(M,V)$ which are binary forms of the same order of M and V, remain unchanged. By use of relative Aronhold's invariants the author gives algebraic and arithmetic invariants of a pair of matrices and of the corresponding pencil of real cubic ternary forms relative to symmetric, real elementary transformations and not degenerated linear transformations, respectively. As a geometric interpretation, regular pencils of real plane curves of third order in projective coordinates are considered. For pencils with maximal characteristic of the corresponding polynomial cubic matrix, a complete classification and canonical equations are given.





SCHCLOV, N.P., Doc Phys-Math Sci -- (diss) "Space matrices and their applications to the theory of algebraic forms." Kiev, 1059. 40 pp with drawings (Acad Sci UkSSR. Joint Council of Institutes of Mathematics, Thysics, and Metallophysics). 150 copies (KL, 37-59,105)

2

PHASE I BOOK EXPLOITATION

SOV/4968

Sokolov, Nikolay Petrovich

Prostranstvennyye matritsy i ikh prilozheniya (Multidimensional Matrices and Their Application) Moscow, Fizmatgiz, 1960. 300 p. 6,000 copies printed.

Ed.: L. B. Nisnevich; Tech. Ed.: S. S. Gavrilov.

PURPOSE: This book is intended for scientists working in the field of mathematics and its applications.

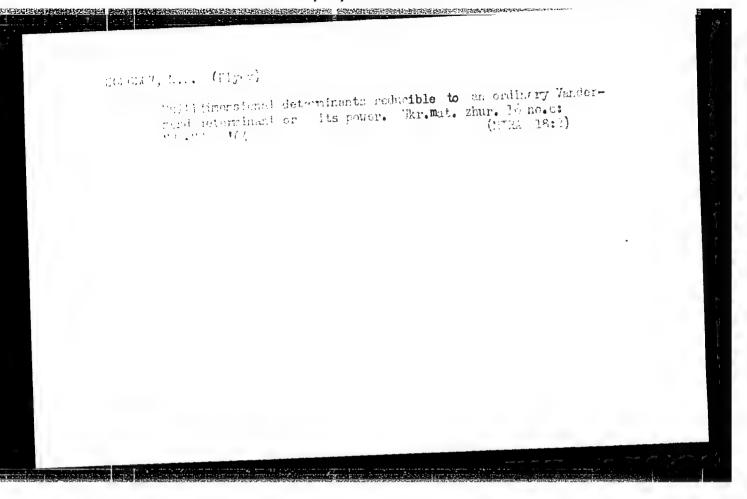
COVERAGE: The book discusses the theory of multidimensional matrices and determinants and its various applications. The fundamental results of ordinary matrix calculation are generalized for the case of three and more dimensions. Problems not yet sufficiently treated in the Russian mathematical literature are discussed. The basic text is accompanied by exercises which considerably widen the scope of the work. The introduction presents a brief historical review of the development and application of the theory of multidimensional matrices and determinants. The author

Card 1/4

SOKOLOV, N.P. (Kiyev)

Multidimensional determinants with integral elements. Ukr.
mat. zhur. 16 no.1:126-132 '64.

(MIRA 17:5)



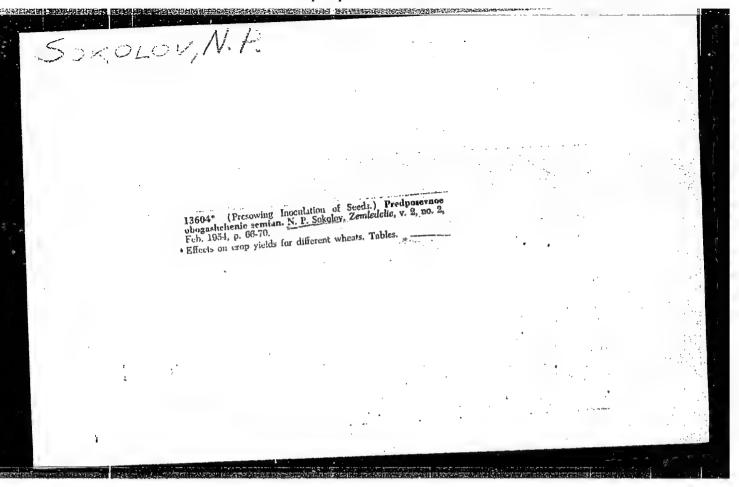
SOKOLOV, N.P.

Operations involving multidimensional matrices. Dokl. AN SSSR 163 (MIRA 18:8) no.6:1322-1325 Ag 165.

1. Kiyevskiy tekhnologicheskiy institut legkoy promyshlennosti. Submitted February 4, 1965.

Operations involving space matrices. Ukr. mat. zhur. 17
no.5:67-79 165. (MIRA 18:12)

1. Submitted February 23, 1965.



SOFCLOV, E. P.

CHOLOV, N. P.: "The relationship between the quantity and quality of products withdrawn during the grinding of wheat 'in torn systems'". Odessa, 1955. Min Higher Education USSR. Odessa Technological Inst imeni I. V. Stalin. (Dissertations for the degree of Candidate of Technical Science.)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow.

CIA-RDP86-00513R001652020007-8 "APPROVED FOR RELEASE: 08/25/2000

SokaLed,

USSR /Chemical Technology, Chemical Products and Their Application

I-32

Food industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32966

: Sokolov N.P. Author

: Scientific and Technical Society of Milling, Grists Manufacture and Elevator Management Inst

Correlation Between Quantity and Quality of Title

Products Recovered by Means of Milling

Tr. Nauch.-tekhn. o-va mukomol. i krupyan. prom-sti i elevator. kh-va, 1956, No 4, 3-31 Orig Pub:

In a theoretical study of the process of comminution of the component parts of grain, the follow-Abstract:

card 1/4

CIA-RDP86-00513R001652020007-8" APPROVED FOR RELEASE: 08/25/2000

USSR Chemical Technology. Chemical Products and Their Application

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Food industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32966

ing are considered: Causes of changes in quality of the recovered product, quality of recovery and the hypothesis of a correlation between quantity and quality of recovery, for the verification of which production-scale experiments were conducted. The results obtained, as well as the data of other authors, confirmed a correlation between the quantity and the quality of recovery, in the case of the first four given systems, which is expressed, in a general form, by the equation: $Z = [t (u - u^2) + a] u^n - bu + c$, wherein Z is ash content of recovery, in percent; u - amount of recovery, expressed in

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fractions of a unit, the amount of product subjected to the milling being taken as the unit; t, a, b, c -- proportionality coefficients, such that the algebraic sum of a, b and c is always equal to the ash-content (in percent) of the product subjected to milling; n -- exponent. A mathematical study of this equation is made in order to calculate the quantities that characterize the recovery process: dependence of the magnitude of ash-content of resultant product on the magnitude of recovery; actual ash-content of recovered product; amount and the content of endosperm and hulls in the recovered product; parameters of optimal conditions of milling. An

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investigation is also made of the effect of the magnitude of recovery in the 1-st given system, and procedures are indicated for practical application of the results of the study.

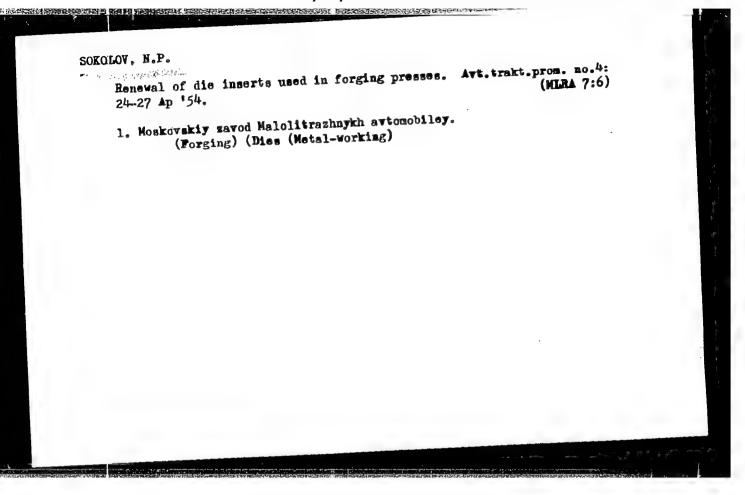
Card 4/4

LOPATINSKIY, Semen Nikolayevich; ORLOV, Sergey Panteleymonovich; SOKOLOV, N.P., inzhener, redaktor; LAZAREVSKIY, L.I., redaktor; GOLUBKOVA, L.A., tekhnicheskiy redaktor

[Installation and operation of weighing equipment of mills and elevators]
Montazh i ekspluatatsiia vesovogo oborudovaniia mel'nits i elevatorov.
Pod red. N.P.Sokolova. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam
zagotovok, 1955. 39 p.

(MIRA 9:1)

(Weighing-machines)



SOKOLOV, N.P.; NIKOLAYEV, I.I.; ARSHANSKAYA, E.D.; NESTERGV, A.V.

Preliminary data on the effect of copper sulfate on the larvae of Anopheles and the algal pellicle of rice fields. Trudy Gidrobiol. ob-va 12:55-59 '62. (MIRA 15:12)

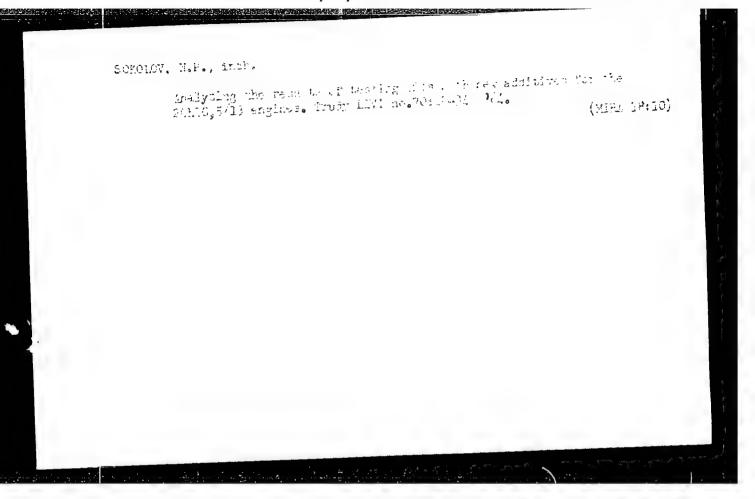
ABDULLAYEVA, A.A. (Indizhan); ALIMOV, U.A. (Andizhan); SOKOLOV, N.P. (Andizhan)

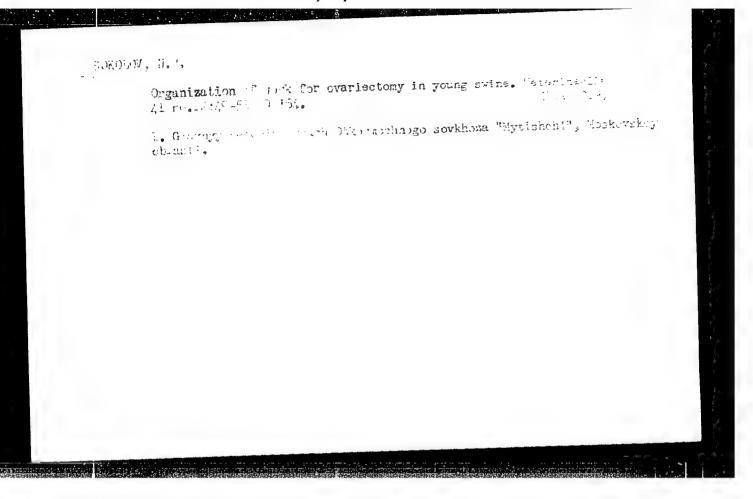
History of medicogeographical investigations in Central Asia and Kazakhstan. Vladimir Ivanovich Dal'. Sovet. zdravookhr. 12 no.1:80-84 '63 (MIRA 17:2)

SCKOLOV, Nikolay P.

Projective classification of the bundles of cubic triple form with a positive characteristic. Mat fyz cas SAV 13 no.4:241-259 163.

1. Tekhnologicheskiy institut, Kiev.



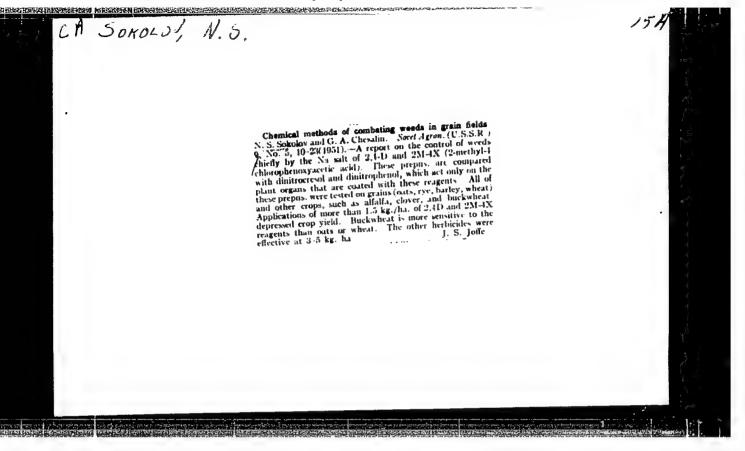


SOROLOV, W. S.

Agriculture

(Principles of agriculture) Moskva, Gos. izd-vo selkhoz lit-ry, 1951.

9. Monthly List of Russian Accessions, Library of Congress, July 1952 1958, Uncl.



- SOKOLOV, N. S. 1.
- USSR (600)
- Sowing
- Progressive methods for sowing grain crops. Dost. sel'khoz. no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, January, 1953, Unclassified.

SOKOLOV, N. S. USSR/Chemistry - Herbicides

Card 1/1 : Pub. 77, 11/26

Authors : Sokolov, N. S., Prof.

Title : Chemistry in the fight against weeds

Periodical: Nauka i zhizn' 21/7, 20 - 21, July 1954

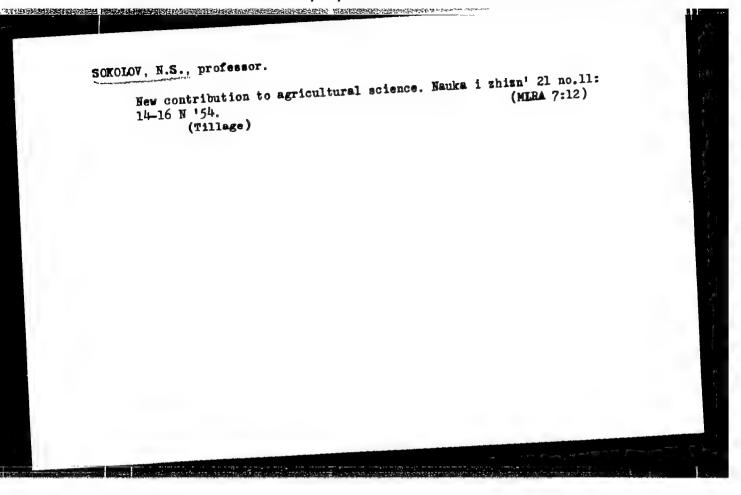
Abstract: The chemicals experimented with as herbicides are mentioned, the most successful in eliminating weeds from grain crops is found to be a mix-

successful in eliminating weeds from grain clops to tour open system ture of 2,4-dichlorophenoxyacetic acid and 2-methyl chlorophenoxyacetic acid. Practical experiences in using these preparations are related.

Illustrations.

Institution : ...

Submitted : ...



,然后,我们就是我们的不是,不是不是我们的自己的对对你的的事情,我们就是我们的不是我们的知识,但是我们是我们的人们就是我们们是不是我们的人们的人们是我们们们是

SOMOLOV, H. S. ರ್ಷಕ್ಷಣಗಳ ಕುಲ್ಲಿಸಲ್ ಅಂತರ್ಗಳ ಬೆಂದು ಬೆಂದು ಬರುವರು ತನೆ ಆರಂಭಿಕರಿಗಳ ಚಿತ್ರಗಳ ಬಿಂದು ಬರುವರು ಬರುವ the work proventions announces that she following orientifit words, marries prize. I was and exactioned they been submitted for commentation for beatin ectaes for The second of the state of the second of Regulation and a "Elements of Farming" Moscov Agricultural Academy 1.72 Soltolov, II, S. imeni K. A. Timiryazev (textbook) Yarkov, S. P. Chizhevskiy, H. G. Cherks.sov, A. A. Shestakov, A. G. Gulyakin, I. V. Peterburgskiy, A. V. Troitskiy, A. N. Luk'yanyuk, V. I. Savzdarg, E. E. Trofinovich, A. Ya. Kuznetsov, V. S. Kudryavtsev, H. Ye. Pronin, A. F. Alekhin, N. V. Sachli, S. H.

SCKOLCV, N. S. , ed.

Derabotka pochvy po metodu T. S. Mal'tseva v zernovykh rayonakh Kazakhstana.

Treatment of soil according to the method of J. S. Mal'tsev in grain rayons of the Kazakh. Stornik statei. Moskva, Sel'khozgiz, 1955.

99 F., diagrs., tables.

MOSOLOV, Vasiliy Petrovich, akademik; SOKOLOV. M.S., professor, redaktor; IVANOV, N.I., redaktor; TSVETKOVA, V.A., redaktor; PAVLOVA, M.M., tekhnicheskiy redaktor

[Works; in five volumes] Sochineniia; v piati tomakh. Moskva, Gos. izd-vo selkhoz. lit-ry, Vol.5. [Papers and articles on cultivation practices and plant growing] Otdel'nye raboty i stat'i po agrotekhnike i rastenievodstvu. 1955. 767 p.

(Tillage) (Field crops)

ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P., BARMASH, A.I., BEDMYAKOVA, A.B.; BENIN, G.S.; BERESNEVICH, V.V.; HERNSHTEYN, S.A.; BITYUTSKOV, V.I.; BLYUNENBERG, V.V.; BONCH-BRUYEVICH, M.D.; BORMOTOV, A.D.; BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S., [deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.; GOLDOVSKIY, Ye.M.; GORBUNOV, P.P.; GORYAINOV, F.A.; GRINBERG, B.G.; GRYUNER, V.S.; DANOVSKIY, N.F.; DZEVUL'SKIY, V.M., [deceased]; DREMAYLO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S., [deceased]; YEGORCHENKO, B.F. [deceased]; YEL'YASHKEVICH, S.A.; ZHEREBOV, L.P.; ZAVEL'SKIY, A.S.: ZAVEL'SKIY, F.S.: IVANOVSKIY, S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.: KASATKIN, F.S.; KATSAUROV, I.N.; KITAYGORODSKIY, I.I.; KOLESNIKOV, I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.; LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu; LUTTSAU, V.K.; MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.; NYDEL'MAN, G.R.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.; POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye., RZHEVSKIY, V.V.; ROZENBERG, G.V.; ROZENTRETER, B.A.; ROKOTYAN, Ye.S.; RUKAVISHNIKOV, V.I.; RUTOVSKIY, B.N. [deceased]; HYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu, STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.; FEDOROV, A.V.; FERE, N.R.; FRENKEL', N.Z.; KHEYFETS, S.Ya.; KHLOPIN, M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, M.I.; SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, B.R.; SHITERLING, S.Z.; SHUTYY, L.R.; SHUKHGAL'TER, L. Ya.; ERVAYS, A.V.; (Continued on next card) tree a

ANDREYEV. A.B. (continued) Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsenzent, redaktor; BERKEN-GETM, B.M., retsenzent, redaktor; BERMAN, L.D., retsenzent, redaktor; BOLTINSKIY, V.N., retsenzent, redaktor; BONCH-BRUYEVICH, V.L., retsenzent, redaktor; VELLER, M.A., retsenzent, redaktor; VINOGRADOV, A.V., retsenzent, redaktor; GUDTSOV, N.T., retsenzent, redaktor; DEGTYAREV, I.L., retsenzent, redaktor; DEM'YANYUK, F.S., retsenzent; redaktor; DOBROSMYSLOV, I.N., retsenzent, redaktor; YELANCHIK. G.M. retsenzent, redaktor; ZHEMOCHKIN, D.N., retsenzent, redaktor: SHURAVCHENKO, A. N., retsenzent, redaktor; ZLODEYEV, G.A., retsenzent, redaktor; KAPLUNOV, R.P., retsenzent, redaktor; KUSAKOV, M.H., retsenzent, redaktor; LEVINSON, L.Ye., [deceased] retsenzent, redaktor; MALOV, N.N., retsenzent, redaktor; MARKUS, V.A. retsenzent, redaktor; METELITSYN, I.I., retsenzent, redaktor; MIKHAYLOV, S.M., retsenzent; redaktor; OLIVETSKIY, B.A., retsenzent, redaktor; PAVLOV, B.A., retsenzent, redaktor; PANYUKOV, M.P., retsenzent, redaktor; PLAKSIN, I.N. retsenzent, redaktor; RAKOV, K.A. retsenzent, redaktor; RZHAVINSKIY, V.V., retsenzent, redaktor; RINBERG, A.M., retsenzent; redaktor; ROGOVIN, N. Ye., retsenzent, redaktor; RUDENKO, K.G., retsenzent, redaktor; RUTOVSKIY, B.N., [deceased] retsenzent, redaktor; RYZHOV, P.A., retsenzent, redaktor; SANDOMIRSKIY, V.B., retsenzent, redaktor; SKRAMTAYEV, B.G., retsenzent, redaktor; SOKOV, V.S., retsenzent, redaktor; SOKOLOV, N.S., retsenzent, redaktor; SPIVAKOVSKIY, A.O., retsenzent, redaktor; STRAMENTOV, A.Ye., retsenzent, redaktor; STRELETSKIY, N.S., retsenzent, redaktor; (Continued on next card)

AMDREYEV, A.V., (continued) Card 3.

TRET YAKOV, A.P., retsenzent, redaktor; FAYERMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTO-PAL, V.M., retsenzent, redaktor; SHESHKO, Ye.F., retsement, redaktor; PAL, V.M., retsenzent, redaktor; Shedhku, ie.r., retsenzent, redaktor; Shedhku, ie.r., retsenzent, shedhku, ie.r., redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor; PIAKSIN, i.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, i.N., redaktor; RUTOVSKIY, RUTOV professor, redaktor; SHUKHGAL TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor; BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., (Continued on next card) redaktor.

ANDREYEV, A.V. (continued) Card 4.

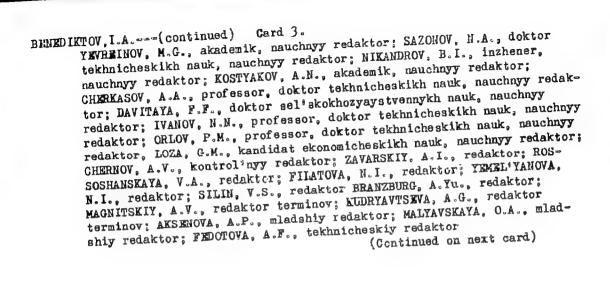
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slovar'. Redaktsionayi sovet; IU.A. Stepanov i dr. Moskva, Gos.
izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Plaksin)
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tel' glavnogo redaktora, LAPTEV. I.D., LISKUN, Ye.F.; LOBANOV, P.P., glavnyy redaktor; LYSKIKO, T.D.: SKRYABIN, K.I.; STOLKTOV, V.H.; PAVLOV, G.I., kandidat seliskokhozyaystvennykh nauk, nauchnyv redaktor; SOKOLOV, N.S., professor, nauchnyy redaktor; ANTIPOV-KARATAYEV, I.N., doktor sel skokhozyaystvennykh nauk, nauchnyy redaktor; KARPINSKIY, N.P., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHESTAKOV, A.G., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; RUBIN, B.A., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KOMARNITSKIY, N.A., dotsent, nauchnyy redaktor; LYSENKO, T.D., akademik, nauchnyy redaktor; POLYAKOV, I.M., professor, nauchnyy redaktor; SHCHEGOLEV, V.N., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; YAKUSHKIN, I.V., akademik, nauchnyy redaktor; LARIN, I.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; SMELOV, S.P., professor, doktor biologicheskiy nauk, nauchnyy redaktor; EDEL SHTEYN, V.I., professor, doktor sel skokhozyaystvennykh nauk, nauchnyy redaktor; SHCHERBACHEV, D.M., professor, doktor meditsinskikh nauk, nauchnyy redaktor; OGOLEVETS, G.S., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; YAKOVLEV, P.N., akademik, naychnyy redaktor; YKKIMOV, V.P., agronom, nauchnyy redaktor [deceased], EYTINGEN, G.P., professor, doktor seliskokhozyajstvennykh nauk, nauchnyy redaktor; TIMOFKYKY, N.N., professor, nauchnyy redaktor; TUROY, S.I., professor, doktor biologicheskikh nauk; YUDIN, V.M., akademik, nauchnyy redaktor; LISKUN, Ye.F., akademik, nauchnyy redaktor; VITT, V.U., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KALININ. V.I. kandidat sel'skokhozyaystvennykh nauk. nauchnyy (Continued on next card) redaktor

BENEDIKTOV, I.A. (continued) GREBEN', L.K., akademik, nauchnyy redaktor; NIKOLAYEV, A.I., professor, Card 2. doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; RED'KIN, A.P., professor, doktor seliskokhozyaystvennykh nauk, nauchnyy redaktor; SMETHEV, S.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POPOV. I.S., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; MANTEYFEL!, P.A., professor nauchnyy redaktor; INIKHOV, G.S., professor, doktor khimicheskikh nauk, nauchnyy redaktor; ANFIMOV, A.N., professor, nauchnyy redaktor; GUBIN, A.F., professor, doktor seleskokhozyaystvennykh nauk, nauchnyy redaktor; POLTEV, V.I., professor, doktor veterinarnykh nauk, nauchnyy redaktor; LINDE, V.V., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; CHERGAS, B.I., professor, doktor biologicheskikh nauk, nauchnyy redaktor; NIKOL'SKIY, G.V., professor, nauchnyy redaktor; AVTOKRATOV, D.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor; IVANOV, S.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; VIKTOROV, K.P., professor, doktor veterinarnykh nauk, nauchnyy redaktor; KOLYAKOV, Ya.Ye., professor, doktor veterinarnykh nauk, nauchnyy redaktor; ANTIPIN, D.N., professor, doktor veterinarnykh nauk, nauchnyy redaktpr; MARKOV, A.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; DOMRACHEV, G.V., professor, doktor veterinarnykh nauk, nauchnyy redaktor. OLIVKOV, B.M., professor, doktor veterinarnykh nauk nauchnyy redaktor [deceased]; FLEGMATOV. N.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; BOLTINSKIY, V.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; VIL YAMS, V1.P., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; KRASNOV, V.S., kandidat tekhnicheskikh nauk, nauchnyy redaktor;



ERNEDIKTOV, I.A.---(continued) Card 4.

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SCKCLCY A.S.

USSR/Chemical Technology. Chemical Products and Their

I-7

Application - Pesticides

։ Referat Zhur - Khimiya, No 4, 1957, 1244և Nos Jour

Sokolov N.S. Author

: Chemical Weed Control in the United States Title

: Zemledeliye, 1956, No 7, 96-101 Orig Pub

: No abstract. Abstract

Card 1/1

- 51 -

SCHOLOV. N.S. redaktor; ZAYERIM, A.S. redaktor; ZUBRILIMA, Z.P.

tekhnicheskiy redaktor

[Principles of crop culture] Osnovy zemledeliia. Izd. 4-oe, perer.

(Moskva, Gos. izd-vo sel'khoz. lit-ry. 1957. 439 p. (Mina 10:4)

1. Chlen-korrespondent vsesoyuznoy akademii sel'skokhozyaystvennykh
nauk im. Lenina.(for Sokolov)

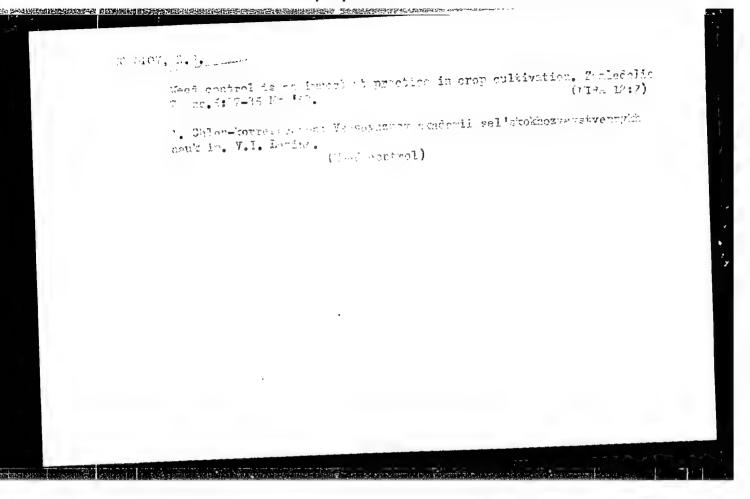
(Agriculture)

SOKOLOV, N.S.

Instruction for apprentices by correspondence. Nauka i pered.op.v sel'khoz.7 no.1:14-16 Ja '57. (MIRA 10:2)

1. Direktor Vaesoyusnogo zaochnogo sel'skokhosysystvennogo tekhnikuma.

(Correspondence schools and courses)
(Agriculture--Study and teaching)



LOBANOV, P.P.; BREZHREV, D.D.; LYSENKO, T.D.; BORKOV, G.A.; OL'SHANSKIT, M.A.;

SINTAGIN, I.I.; ALEKSASHIN, V.A.; AVDONIN, N.S.; BEREZOVA, Ye.F.

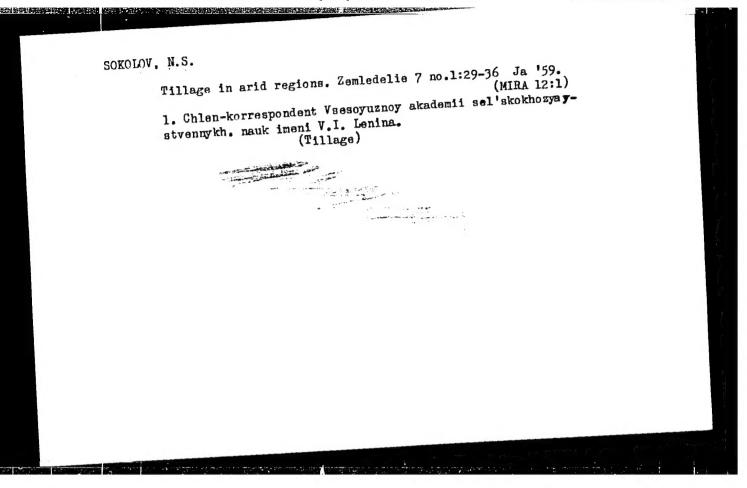
SKOLOV, N.S.; SOTHIKOV, V.P.; SMIRROV, N.D.; KEDROV-ZIKHMAN, O.K.

SKOLOV, N.S.; SOTHIKOV, Dokl.Akad.sel'khoz. 23 no.11:

Ivan Il'ich Samoilov; obituary. Dokl.Akad.sel'khoz. 23 no.11:

48 '58.

(Samoilov, Ivan Il'ich, 1900-1958)



SKOROPANOV, S.G., glavnyy red.; BREZHNEV, D.D., red.; LUPINOVICH, I.S., akademik, red.; SINYAGIN, I.I., red.; SOKOLOV, N.S., red.; KHOT'KO, A.I., kand.sel'skokhoz.nauk, red.; SHUL'GA, K.V., red.; SVIRIDOV, V.I., tekhn.red.

[Reclaiming bog and awampy soils of the non-Chernozem zone of the European U.S.S.R.; materials of the joint scientific session.

July 8-11. 1958] Osvoenie bolotnykh i zabolochennykh pochv nechernozemnoi zony Evropeiskoi chasti SSSR; materialy ob edinennoi neuchnoi zemnoi zony Evropeiskoi chasti SSSR; materialy ob ESSR, sessii 8-11 iiulia 1958 g. Minsk, Izd-vo Akad.sel'khoz.nauk BSSR, 1960. 258 p. (MIRA 14:4)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.
Lenina. 2. Chlen-korrespondent AN BSSR (for Skoropanov).

3. Akademiya nauk BSSR i Akademiya sel'skokhozyaystvennykh nauk
BSSR (for Lupinovich).

(Reclamation of land) (Pest bogs)

FAYSURYAN, N.A., akademik, red.; SOKOLOV, N.S., red.; YELAGIN, I.N., kand.sel'skokhoz.nauk, red.; KARUNIN, B.A., kand.sel'skokhoz.nauk, red.; SHUL'GIN, A.M., doktor geograf.nauk, red.; BARANOV, M.F., red.; ANTONOVA, N.M., khudozh.-tekhn.red.

[Winter hardiness of farm crops; materials of the Scientific Conference on the Cold Hardiness of Winter Grain Crops and Perennial Grasses, January 14-17, 1958] Zimostoikost' sel'skokhoziaistvennykh kul'tur; materialy nauchnoi konferentsii po voprosam zimostoikosti ozimykh zernovykh kul'tur i mnogoletnikh trav 14-17 isnvaria 1958 g. Moskva, Izd-vo M-va sel'.khoz.SSSR, 1960. 342 p. (MIRA 13:10)

1. Vsesoyuznaya akademiya sel'skokhozyayastvennykh nauk imeni V.I.
Lenina. 2. Vsesoyuznaya akademiya sel'skokhoz.nauk im. V.I.Lenina
(for Maysuryan). 3. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhos.
(for Maysuryan). (for Sokolov).
nauk im. V.I.Lenina (for Sokolov).
(Plants--Frost resistance) (Field crops)